

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L29	308	(313/12.ccls. 313/22.ccls. 313/23.ccls. 313/24.ccls. 313/32.ccls. 313/35.ccls. 313/36.ccls. 313/46.ccls. 313/11.ccls.) and (LED OLED "Light Emitting Diodes")	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/08/20 16:49
L30	111	"313"/\$.ccls. and substrate and cooling and "circuit board"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/08/20 16:51
L31	1449	361/687.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/08/20 16:51
L32	587	361/688.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/08/20 16:51
L33	488	361/694.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/08/20 16:51
L34	170	361/696.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/08/20 16:51
L35	959	361/697.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/08/20 16:51
L36	1084	361/699.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/08/20 16:51
L37	386	361/702.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/08/20 16:51
L38	987	361/707.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/08/20 16:51
L39	802	361/709.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/08/20 16:51

## EAST Search History

L40	22	(L31 L32 L33 L34 L35 L36 L37 L38 L39) and "flat panel" and channel	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/08/20 16:51
L41	947	313/35.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/08/20 16:56
L42	695	313/45.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/08/20 16:56
S3	225	313/11.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/03/06 08:42
S10	544	313/39.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/05/16 07:47
S11	565	313/40.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/05/16 07:47
S12	1126	313/44.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/05/16 07:47
S13	686	313/45.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/05/16 07:47
S14	1013	313/46.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/05/16 07:59
S17	13	"313"/\$.ccls. and "heat sink" and anisotropic	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/05/16 07:53
S22	2399	361/704.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/05/16 08:00
S23	695	361/709.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/05/16 08:00

## EAST Search History

S35	339	313/12.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/05/31 09:07
S36	176	313/19.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/05/31 09:08
S37	149	313/20.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/05/31 09:08
S38	551	313/22.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/05/31 09:08
S39	235	313/23.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/05/31 09:08
S40	357	313/24.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/05/31 09:08
S41	1046	313/25.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/05/31 09:08
S42	975	313/32.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/05/31 09:08
S43	940	313/35.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/05/31 09:09
S44	647	313/36.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/05/31 09:14
S45	1015	313/46.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/05/31 09:09
S46	226	313/11.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/05/31 09:09

## EAST Search History

S47	545	313/39.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/05/31 09:09
S48	566	313/40.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/05/31 09:09
S49	1127	313/44.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/05/31 09:10
S50	687	313/45.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/05/31 09:10
S51	340	361/703.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/05/31 09:11
S52	451	361/689.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/05/31 09:11
S53	919	361/690.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/05/31 09:11
S54	430	361/694.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/05/31 09:11
S55	4110	(313/12.ccls. 313/22.ccls. 313/23.ccls. 313/24.ccls. 313/32.ccls. 313/35.ccls. 313/36.ccls. 313/46.ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/05/31 09:15
S56	270	(313/12.ccls. 313/22.ccls. 313/23.ccls. 313/24.ccls. 313/32.ccls. 313/35.ccls. 313/36.ccls. 313/46.ccls.) and (LED "Light Emitting Diodes")	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/05/31 09:16
S57	285	(313/12.ccls. 313/22.ccls. 313/23.ccls. 313/24.ccls. 313/32.ccls. 313/35.ccls. 313/36.ccls. 313/46.ccls.) and (LED OLED "Light Emitting Diodes")	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/05/31 09:23

## EAST Search History

S58	38	(313/12.ccls. 313/22.ccls. 313/23.ccls. 313/24.ccls. 313/32.ccls. 313/35.ccls. 313/36.ccls. 313/46.ccls.) and (LED OLED "Light Emitting Diodes") and (array display panel)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/05/31 09:17
S59	292	(313/12.ccls. 313/22.ccls. 313/23.ccls. 313/24.ccls. 313/32.ccls. 313/35.ccls. 313/36.ccls. 313/46.ccls. 313/11.ccls.) and (LED OLED "Light Emitting Diodes")	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/07/25 12:56
S60	7	(313/12.ccls. 313/22.ccls. 313/23.ccls. 313/24.ccls. 313/32.ccls. 313/35.ccls. 313/36.ccls. 313/46.ccls. 313/11.ccls.) and (LED OLED "Light Emitting Diodes") not S57	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/05/31 09:23
S62	3192	"165"/\$.ccls. and circuit and channel	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/07/11 08:48
S63	608	"165"/\$.ccls. and circuit and channel and panel	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/07/11 08:49
S64	68	"165"/\$.ccls. and circuit and channel and panel and substrate	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/07/11 09:30
S65	566	165/70.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/07/11 09:28
S66	62	"165"/\$.ccls. and wire and panel and substrate	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/07/25 07:36
S67	177	"165"/\$.ccls. and ("flat panel" "flat screen")	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/07/11 09:37
S68	17	("4884331"   "5014117"   "5057968"   "5060112"   "5159529"   "5370178"   "5684675"   "5815371"   "5986888"   "6055157"   "6068051"   "6111749"   "6173759"   "6185101"   "6252775"   "6330160"   "6421240").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/25 07:24

## EAST Search History

S69	34	"165"/\$.ccls. and wire same (insulating insulation) and substrate and Channel	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/07/25 07:53
S70	20	("4652970").URPN.	USPAT	OR	ON	2005/07/25 07:47
S71	22	"165"/\$.ccls. and pin same (insulating insulation) and substrate and Channel	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/07/25 07:53
S72	14	"165"/\$.ccls. and pin same (insulating insulation) and substrate and Channel not chuck	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/07/25 08:11
S73	12	"165"/\$.ccls. and interconnects same (insulating insulation) and substrate and Channel not chuck	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/07/25 08:54
S74	14	("5313361").URPN.	USPAT	OR	ON	2005/07/25 08:22
S75	18	("2727632"   "4327399"   "4562092"   "4739443"   "5034688"   "5099311"   "5099910"   "5158912"   "5218515"   "5313361"   "5317478"   "5436793"   "5495889"   "5506753"   "5510958"   "5655290"   "5669136").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/25 08:32
S76	3	"165"/\$.ccls. and interconnects same (insulating insulation) and substrate and Channel not chuck and LED	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/07/25 08:56
S77	5	"165"/\$.ccls. and interconnects same (insulating insulation) and substrate and Channel not chuck and diode	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/07/25 08:57
S78	9	"165"/\$.ccls. and interconnects same (insulating insulation) and substrate not chuck and diode	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/07/25 08:58
S79	1	"165"/\$.ccls. and interconnects same (insulating insulation) and substrate not chuck and "light emitting diode"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/07/25 08:59
S80	2	"165"/\$.ccls. and interconnects and substrate not chuck and "light emitting diode"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/07/25 08:59

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S81	2	"165"/\$.ccls. and interconnect and substrate not chuck and "light emitting diode"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/07/25 08:59
S82	2	"165"/\$.ccls. and interconnect and substrate and "light emitting diode"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/07/25 09:00
S83	27	"165"/\$.ccls. and interconnect and substrate and "LED"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/07/25 09:14
S84	17	"313"/\$.ccls. and interconnect and substrate and "LED" and cooling	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/07/25 12:56
S85	79	"313"/\$.ccls. and substrate and cooling and "circuit board"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/07/25 09:32
S86	57	("3330707"   "3566187"   "3612944"   "3622828"   "3753022"   "3755704"   "3789471"   "3855499"   "3931436"   "3935499"   "3956677"   "3962597"   "4018490"   "4029392"   "4088920"   "4195892"   "4204721"   "4227117"   "4234367"   "4281903"   "4289538"   "4301324"   "4341980"   "4426773"   "4435672"   "4449949"   "4451759"   "4531122"   "4564790"   "4613399"   "4677259"   "4719388"   "4728851"   "4820661"   "4857799"   "4867935"   "4874981"   "4884010"   "4887000"   "4900981"   "4904895"   "4908539"   "4940916"   "4948759"   "4954744"   "4956574"   "4964946"   "4994708"   "5015912"   "5053673"   "5057047"   "5063323"   "5070282"   "5130614"   "5132648"   "5155410").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/25 10:18

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S87	629	313/1.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/07/25 12:09
S88	33	313/1.ccls. and cooling	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/07/25 12:21
S89	32	313/1.ccls. and channel	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/07/25 12:22
S90	4	313/1.ccls. and "flat panel"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/07/25 12:22
S91	2	313/1.ccls. and "OLED"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/07/25 12:23
S92	3	313/1.ccls. and "Light emitting diode"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/07/25 12:25
S94	86	313/1.ccls. and EL	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/07/25 12:26
S95	733	313/3.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/07/25 12:40
S97	0	313/3.ccls. and OLED	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/07/25 12:41
S98	0	313/3.ccls. and "Light Emitting Diode"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/07/25 12:40
S99	38	313/3.ccls. and cooling	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/07/25 12:41
S100	128	313/3.ccls. and heat	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/07/25 12:41



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S10 1	1	(313/12.ccls. 313/22.ccls. 313/23.ccls. 313/24.ccls. 313/32.ccls. 313/35.ccls. 313/36.ccls. 313/46.ccls. 313/11.ccls.) and "tiled display"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/07/25 12:56
S10 2	32	"313"/\$.ccls. and "tiled display"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/07/25 12:56
S10 3	1	(313/12.ccls. 313/22.ccls. 313/23.ccls. 313/24.ccls. 313/32.ccls. 313/35.ccls. 313/36.ccls. 313/46.ccls. 313/11.ccls.) and "tiled display"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/02/17 17:23
S10 4	300	(313/12.ccls. 313/22.ccls. 313/23.ccls. 313/24.ccls. 313/32.ccls. 313/35.ccls. 313/36.ccls. 313/46.ccls. 313/11.ccls.) and (LED OLED "Light Emitting Diodes")	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/02/17 17:24
S10 6	1374	361/687.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/03/06 08:44
S10 7	546	361/688.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/03/06 08:44
S10 8	456	361/694.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/03/06 08:44
S10 9	161	361/696.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/03/06 08:44
S11 0	867	361/697.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/03/06 08:45
S11 1	1000	361/699.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/03/06 08:45
S11 2	374	361/702.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/03/06 08:45

## EAST Search History

S11 3	961	361/707.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/03/06 08:45
S11 4	759	361/709.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/03/06 08:46
S11 5	5354	(S106 S107 S108 S109 S110 S111 S112 S113 S114)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/03/06 08:46
S11 6	22	(S106 S107 S108 S109 S110 S111 S112 S113 S114) and "flat panel" and channel	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/03/06 08:50
S11 7	68	(S106 S107 S108 S109 S110 S111 S112 S113 S114) and "flat panel"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/03/06 09:07
S11 8	6	("1955899"   "4405949"   "4529905"   "4734613"   "5633660").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/06 08:53
S11 9	7	("4563617"   "4899080"   "4952925"   "5185554"   "5313362"   "5345362"   "5499868").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/06 08:55
S12 0	26	("4563617").URPN.	USPAT	OR	ON	2006/03/06 09:00
S12 1	12	("3715491"   "3814964"   "4563617"   "4687967"   "5012325"   "5157468"   "5569950"   "5641973"   "5693962"   "5821692"   "5880777"   "Re28635").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/06 09:03
S12 2	388	(S106 S107 S108 S109 S110 S111 S112 S113 S114) and ("plasma display" "field emission" LCD "Liquid Crystal" PDP)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/03/06 09:08
S12 3	16	(S106 S107 S108 S109 S110 S111 S112 S113 S114) and ("plasma display" "field emission" LCD "Liquid Crystal" PDP).ti.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/03/06 09:17
S12 4	10	("3889053"   "4838664"   "4987289"   "5119215"   "5247374"   "5255109"   "5285351"   "5383340"   "5394936"   "Re29833").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/06 09:16

## EAST Search History

S12 5	39	(S106 S107 S108 S109 S110 S111 S112 S113 S114) and ("plasma display" "field emission" LCD "Liquid Crystal" PDP).ab.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/03/06 09:18
S12 6	39	(S106 S107 S108 S109 S110 S111 S112 S113 S114) and ("plasma display" "field emission" LCD "Liquid Crystal" PDP).ab. not S124	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/03/06 10:38
S12 7	85	(S106 S107 S108 S109 S110 S111 S112 S113 S114) and ("Light emitting diode")	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/03/06 10:38
S12 8	5	("3676668"   "6407411"   "6561680"   "6583447"   "6710373").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/06 10:44
S12 9	8	("4267559"   "4920404"   "4935665"   "5119174"   "5173839"   "5857767"   "6274924"   "6428189").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/06 10:46
S13 0	1	("4574330").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/06 10:55
S13 1	20	("5173839").URPN.	USPAT	OR	ON	2006/03/06 10:57
S13 2	13	("3711789"   "3964014"   "4728999"   "4882498"   "4896168"   "5113232"   "5121146"   "5173839"   "5218383"   "5278432"   "5362986"   "5390093"   "5479029").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/06 11:02
S13 3	18	("5390093").URPN.	USPAT	OR	ON	2006/03/06 11:09
S13 4	8	("3291975"   "3451681"   "4234914"   "4254453"   "4390810"   "4887074").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/06 11:12